

2013 Residential Code of Ohio (RCO) Systems Description Form

General Contractor: _____ Homeowner: _____

Office Phone # _____ Cell Phone # _____ Homeowner Phone # _____

Project Description: _____

Address of Project: _____ City/Township: _____

Electrical Design a,b

<u>Service Size (Amps)</u>	<u>Size of Service Entrance Conductors</u>	<u>Panel Location(s)</u>	<u>Number of Sub-Panels</u>	<u>Location</u>
<input type="checkbox"/> 100 Amp <input type="checkbox"/> 200 Amp <input type="checkbox"/> Over 200 Amp				<input type="checkbox"/> Overhead <input type="checkbox"/> Underground
<input type="checkbox"/> Upgrading Service From _____ To _____				
<input type="checkbox"/> Existing Service			<input type="checkbox"/> Adding Sub-Panel	

a. Provide a detailed electrical diagram for services over 200 amps for review and approval (see electrical fee schedule).

b. Provide detailed electrical and gas piping diagrams for generator installations (see electrical fee schedule).

HVAC Design

<u>Heating Equipment Type, Size & Efficiency</u>	<u>Design Heat Loss (Btu/h)</u>	<u>Type of Fuel</u>	<u>Location of Equipment</u>
<input type="checkbox"/> Forced Air Btu/h _____ Eff. _____ <input type="checkbox"/> Boiler Btu/h _____ Eff. _____ <input type="checkbox"/> Heat Pump Btu/h _____ Eff. _____ <input type="checkbox"/> Electric kW _____ Eff. _____ <input type="checkbox"/> Geothermal kW (Btu/h) _____ Eff. _____ <input type="checkbox"/> Duct Extension Only		<input type="checkbox"/> Natural Gas <input type="checkbox"/> LP <input type="checkbox"/> Oil <input type="checkbox"/> Electric <input type="checkbox"/> Other _____	<input type="checkbox"/> Basement <input type="checkbox"/> Attic <input type="checkbox"/> Closet <input type="checkbox"/> Crawl Space <input type="checkbox"/> Outdoor

<u>Cooling Equipment Type, Size & Efficiency</u>	<u>Design Heat Gain (Btu/h)</u>	<u>Location of Equipment</u>
<input type="checkbox"/> AC Btu/h _____ Eff. _____ <input type="checkbox"/> Heat Pump Btu/h _____ Eff. _____ <input type="checkbox"/> Geothermal kW(Btu/h) _____ Eff. _____		<input type="checkbox"/> Outdoor <input type="checkbox"/> Other _____

<u>Area of Conditioned Space (sq. ft.)</u>	<u>Duct Size (Supply and Return)</u>

Fuel Gas Design

<u>Number of Fuel Gas Outlets</u>	<u>Size of Fuel Gas Main</u>	<u>Piping Materials</u>
		<input type="checkbox"/> Steel Pipe Sch. 40 <input type="checkbox"/> CSST <input type="checkbox"/> Other _____